

- The county incurs the risks of operating and maintaining an aging WTE facility.
- The county must either hire an operator or develop proficiency in operating a WTE facility.
- County residents must be willing to approve a bond referendum to finance the purchase.

The county will continue to use out-of-county landfills for E/RRF overflow and MSW disposal during maintenance of the E/RRF or as a contingency or emergency backup. The county currently has contracts with the following landfills: Prince William County; King George County (operated by Waste Management); Shoosmith Brothers in Chester, VA; Atlantic Waste Landfill in Waverly, VA; the King and Queen County Landfill operated by Allied Waste; and the National Waste Landfill in Luray, VA.



Fairfax County will also continue the use of in-county and out-of-county landfills for the disposal of its CDD. Although VDEQ data suggest Virginia CDD disposal quantities will exhaust disposal capacity within seven years, Fairfax County assumes that the private sector will secure additional CDD disposal capacity

during the SWMP planning period. The county will also investigate whether to support the capacity expansion of existing in-county CDD landfills over the SWMP planning period.

Fairfax County can guarantee CDD disposal capacity over the SWMP planning period by contracting for capacity at an out-of-county CDD landfill. The county currently disposes CDD at three out-of-county landfills (Potomac Landfill and WMI Transfer Station both in Prince William County and Corral Farm Landfill in Fauquier County) on a per-ton basis. These facilities and others may be willing to guarantee CDD landfill space for Fairfax County.

Discontinue Use of E/RRF after 2011 and Use Out-of-County Landfills

If contract negotiations with CFI are unsuccessful, Fairfax County may discontinue using the E/RRF when the contract expires in 2011. Fairfax County would then use out-of-county landfills as the sole disposal method for MSW. Out-of-county landfills (with transportation costs) remain a cost-effective disposal option. Table 6-17 presents the



primary out-of-county landfills available for Fairfax County MSW.

Four factors may reduce the attractiveness of this alternative compared to using the E/RRF: availability, environmental concerns, traffic concerns, and risk. Although capacity likely exists in current landfills, quarterly permit limits may limit the availability of out-of-county landfills to accept all MSW requiring disposal from the county. Costs are expected to rise considerably in the future, since new landfills are difficult to permit in the Commonwealth. No new landfill capacity has been added recently. In addition, this alternative will result in higher environmental concerns due to increased transportation requirements, that results in additional truck traffic and air emissions in the region. Finally, this alternative increases the risk to the county's solid waste management system by relying on a single MSW disposal system that is out of the county's control.

Foster a Regional Approach for CDD Disposal

CDD management issues, especially the shrinking disposal capacity in the area, are regional concerns. Through regional coordination of Northern Virginia and/or Washington area local governments, the county can help develop sound regional responses to CDD issues.

Improve Public Outreach and Education

Fairfax County can assist in reducing CDD disposal issues through improved public education and outreach. As CDD disposal capacity diminishes, the county can focus public outreach and education to assist private companies in finding alternatives to disposal or additional CDD disposal capacity.

Collection and Transfer SWMP Actions

Although not levels in the solid waste hierarchy, collection and transfer of solid waste are key to implementation of the county's solid waste management strategies over the next 20 years. Table 11-5 presents actions selected by Fairfax County for the future collection and transfer of solid waste in the county.

Construction of solid waste transfer facilities in Virginia are permitted by rule — facility operators are only required to notify VDEQ of the intent to operate and provide documentation and certification that the facility meets VDEQ requirements. Nonetheless, all facilities governed by permit-by-rule in Fairfax County must be in accordance with this SWMP.

Table 11-5. Fairfax County Collection and Transfer SWMP Actions

Collection SWMP Actions
Partner with private waste collection companies and community stakeholders to improve residential collection service
Revise County Code to improve residential service
Continue current vacuum leaf collection system
Improve public outreach and education, specifically education for CDD collection options
Consider program to promote best management practices for CDD haulers
Promote use of special fuels, filters, and special vehicles for collection
Implement a collection and disposal strategy for emergencies
Expand special wastes collection
Transfer SWMP Actions
Continue using current transfer system
Reconfigure or construct waste handling areas at the I-66 Transfer Station, including: <ul style="list-style-type: none"> – Unloading areas for citizens and commercial cash customers (for increased safety and efficiency) – Areas to handle increased CDD and/or yard waste – Recycling center for CDD, if needed
Add transfer capability to the I-95 Landfill Complex if increases in transfer quantities or waste exchange agreements require it
Improve public outreach and education to promote SWMP transfer actions

COLLECTION

Partner with Private Waste Collection Companies and Community Stakeholders to Improve Residential Collection Service

County staff will work with waste collection companies and community stakeholders to resolve issues identified in the development of this plan and other concerns that arise during the planning period. County staff, waste collection companies, and community stakeholders will ensure that all residents have appropriate waste collection service by:

- addressing service issues identified during the development of this Plan;
- strengthening and enforcing Fairfax County Code;
- developing cooperative agreements to handle waste generated by disasters or emergencies;
- evaluating the use of lower emission fuels for collection vehicles; and,
- collaborating on public outreach and education messages so that consistent information is provided to residents.

Fairfax County will continue using its current MSW and yard waste collection system. The current collections system includes residential curbside collection provided by private haulers and county collectors, county-provided disposal centers and recycling DOCs, commercial collection provided by private haulers, and the County Agency Route Program. Fairfax County DSWCR will continue to collect MSW and yard waste in a portion of the county (sanitary districts), through county staff and /or contract service providers.



The CDD collection system will continue to include commercial collection by private haulers.

The yard waste collection system will continue to include residential curbside collection of leaves and grass (seasonal), and brush (year-round) as well as yard waste processing at the I-66 Transfer Station and I-95 Landfill Complex.

Revise County Code to Improve Residential Service

Fairfax County will periodically revise County Code, policies and/or procedures to improve collection service and the solid waste management program. Under County Code, Chapter 109, Article 5, Fairfax County will establish requirements for collection of solid waste in the county, including the manner of collection, materials to be collected, collection frequency, collection points and procedures, collection vehicles, special collections, and rates. These requirements establish minimum service levels; some haulers in the county provide additional collection services.

Continue Current Vacuum Leaf Collection System



Fairfax County will continue to provide vacuum leaf collection service to residents in specially created leaf collection districts during the leaf collection period. Vacuum leaf collection is conducted seasonally for those customers who pay a special fee for the service based on the assessed value of the residence and property. Vacuum leaf collection will be addressed in the implementation phase of the SWMP to determine how this leaf collection practice would be encouraged countywide by all haulers in the future.

Improve Public Outreach and Education – CDD Collection

Fairfax County can improve CDD collection through improved public education and outreach. The county can help promote CDD collection best practices by providing lists of CDD collection companies that offer recycling services and guidance on how to separate CDD from MSW.